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Attorney Docket No. 09945/006001

SONAR SCANNER

Abstract

A pulse-echo sonar scanner for a mobile robot includes a transmitter which generates a pulse signal, an acoustic transducer which transmits and receives acoustic signals, a receiver, means for determining performance characteristics of the transducer for a given pulse, means for storing the performance characteristics, and means for determining threshold levels for an echo based on the stored performance characteristics.

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